

# Converting Colors

Decimal(15841024)

Have a look what the booklet for  
Decimal(15841024) contains.

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# **Color**

**Decimal(15841024)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1B700
RGB	241, 183, 0
RGB Percent	95%, 72%, 0%
CMY	0.0549, 0.2824, 1.0000
CMYK	0.00, 0.24, 1.00, 0.05
HSL	46°, 100%, 47%
HSV	46°, 100%, 95%
XYZ	53.2091, 52.5677, 7.3422
YIQ	179.4800, 93.3110, -44.6170

# Conversions

## Conversions Part 2

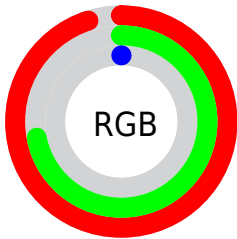
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 241, 0
Decimal	15841024
CIE <sub>Lab</sub>	77.62, 8.55, 80.01
CIE <sub>LCh</sub>	78, 80.463, 83.898
Yxy	52.5677, 0.4704, 0.4647
Android (android.graphics.Color)	4294031104 (0xFFFF1B700)
YUV	179.4800, -88.4836, 53.9530
Hunter-Lab	72.5036, 4.1166, 44.7485

# Details

The Decimal color **15841024** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **15089**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **16772946**, and **11764480** is the 20% darker color. If you saturate the color by 10%, you get **15841024**, and if you desaturate by 10%, it is **15842584**.

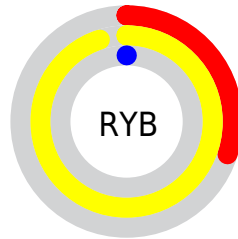
# Distribution



Red (95%)

Green (72%)

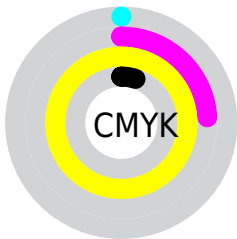
Blue (0%)



Red (30%)

Yellow (95%)

Blue (0%)

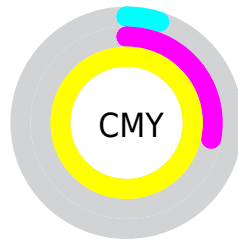


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (28%)

















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15841024 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 15841024 by changing the saturation by 10% instead.



 15841024	 15841024
16777215	 13802496
 16772946	 11764480
 16777071	 9857536
 16777100	 7885312
 16777129	 5978880
 16777158	 4204032
 16777187	 2560512
	 0

 15841024

 15842584

 15844144

 15845448

 15847008

 15848568

 15850129

 15851689

 15852993

 15854553

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16750662



15841024



11193884

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15841024



58106



16748799

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



15841024



15089

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



10597375



15841024



56575

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15841024



58030



52735



16742098

# Rectangle

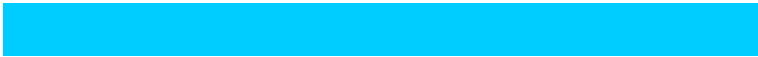
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15841024



7198539



52735



15703295

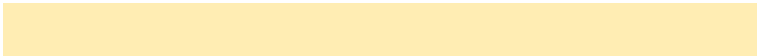


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



15841024



16772531



15794236



8418386



0



8421504



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15841024



16761344



11923712



7894380



12094208



3681024



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



15089



15871



3932401



7106424



11448



3640



# Previews

## White Background



This preview shows how the Decimal color 15841024 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 15841024 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15841024 Background



This preview shows how black text looks on a background with the Decimal color 15841024.



This preview shows how white text looks on a background with the Decimal color 15841024.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
15841024

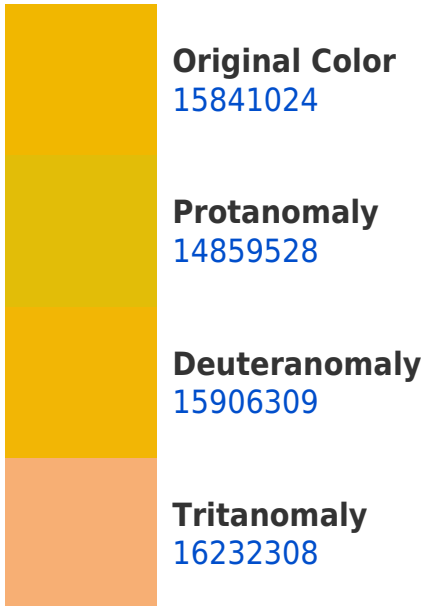
**Protanopia**  
14270733

**Deuteranopia**  
15971848



**Tritanopia**  
16427703

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15841024 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #F1B700 looks like.

```
.text, #text, p{  
  color:#F1B700  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #F1B700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F1B700
}
```

## Border

The CSS property to change the border of an element to Decimal 15841024 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F1B700 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#F1B700 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #F1B700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F1B700; -webkit-box-shadow:4px 4px  
4px 4px #F1B700; box-shadow:4px 4px 4px  
4px #F1B700 }
```

# Background

The CSS property to change the background color of an element to Decimal 15841024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F1B700 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#F1B700 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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